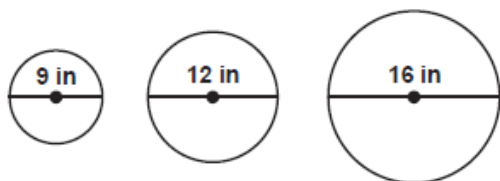**Indiana Course-Aligned Assessment**
Geometry – Sample Items

1. You are planning a pizza party for some friends. You plan to buy either three 9-inch pizzas, or two 12-inch pizzas, or one 16-inch pizza. All three options cost the same amount of money. Which option will give you the most pizza for your money? Use 3.14 for   .

   A three 9-inch pizzas

   B two 12-inch pizzas

   C one 16-inch pizza

   D All three options give the same amount of pizza.

2. What is the measure of each interior angle of a regular octagon?

   A 180 degrees

   B 135 degrees

   C 129 degrees

   D 120 degrees

3. Consider a 45° - 45° - 90° triangle where the hypotenuse measures $9\sqrt{6}$ inches. What is the length of each leg of this triangle?

Answer Key

Item	Answer	Alignment
1	B	G.6.7
2	B	G.2.2
3	$9\sqrt{3}$ inches	G.5.3